

Federal Communications Commission

§ 95.1511

§ 95.1505 Authorized locations.

Operation of DSRCS On-Board Units is authorized anywhere CB station operation is permitted under §95.405.

§ 95.1507 Station Identification.

A DSRCS On-Board Unit is not required to transmit an FCC station identification announcement.

§ 95.1509 ASTM E2213-03 DSRC Standard.

On-Board Units operating in the 5850-5925 MHz band shall comply with the following technical standards, which are incorporated by reference: American Society for Testing and Materials (ASTM) E2213-03, Standard Specification for Telecommunications and Information Exchange Between Roadside and Vehicle Systems—5 GHz Band Dedicated Short Range Communications (DSRC) Medium Access Control (MAC) and Physical Layer (PHY) Specifications published September 2003 (ASTM E2213-03 DSRC Standard). The

Director of the Federal Register approves this incorporation by reference in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be inspected at the Federal Communications Commission, 445 12th Street, SW., Washington, DC 20554 or National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html. Copies of the ASTM E2213-03 DSRC Standard can be obtained from ASTM International, 100 Barr Harbor Drive, PO Box C700, West Conshohocken, PA 19428-2959. Copies may also be obtained from ASTM via the Internet at <http://www.astm.org>.

§ 95.1511 Frequencies available.

(a) The following table indicates the channel designations of frequencies available for assignment to eligible applicants within the 5850-5925 MHz band for On-Board Units (OBUs):¹

Channel No.	Channel use	Frequency range (MHz)
170	Reserved	5850-5855
172	Service Channel ²	5855-5865
174	Service Channel	5865-5875
175	Service Channel ³	5865-5885
176	Service Channel	5875-5885
178	Control Channel	5885-5895
180	Service Channel	5895-5905
181	Service Channel ³	5895-5915
182	Service Channel	5905-5915
184	Service Channel ⁴	5915-5925

¹ The maximum output power for portable DSRCS-OBUs is 1.0 mW. See §95.639(i).
² Channel 172 is designated for public safety applications involving safety of life and property.
³ Channel Nos. 174/176 may be combined to create a twenty megahertz channel, designated Channel No. 175. Channels 180/182 may be combined to create a twenty-megahertz channel, designated Channel No. 181.
⁴ Channel 184 is designated for public safety applications involving safety of life and property.

(b) Except as provided in paragraph (c) of this section, non-reserve DSRCS channels are available on a shared basis only for use in accordance with the Commission's rules. All licensees shall cooperate in the selection and use of channels in order to reduce interference. This includes monitoring for communications in progress and any other measures as may be necessary to minimize interference. Licensees suffering or causing harmful interference within a communications zone are expected to cooperate and resolve this problem by mutually satisfactory ar-

rangements. If the licensees are unable to do so, the Commission may impose restrictions, including specifying the transmitter power, antenna height and direction, additional filtering, or area or hours of operation of the stations concerned. Further, the use of any channel at a given geographical location may be denied when, in the judgment of the Commission, its use at that location is not in the public interest; the use of any channel may be restricted as to specified geographical areas, maximum power, or such other

operating conditions, contained in this part or in the station authorization.

(c) *Safety/public safety priority.* The following access priority governs all DSRCS operations:

(1) Communications involving the safety of life have access priority over all other DSRCS communications;

(2) Subject to a control channel priority system management strategy (see ASTM E2213–03 DSRC Standard at §4.1.1.2(4)), DSRCS communications involving public safety have access priority over all other DSRC communications not listed in paragraph (c)(1) of this section. On-Board Units (OBUs) operated by state or local governmental entities are presumptively engaged in public safety priority communications.

(d) *Non-priority communications.* DSRCS communications not listed in paragraph (c) of this section, are non-priority communications. If a dispute arises concerning non-priority DSRCS–OBU communications with Roadside Units (RSUs), the provisions of §90.377(e) and (f) of this chapter will apply. Disputes concerning non-priority DSRCS–OBU communications not associated with RSUs are governed by paragraph (b) of this section.

[71 FR 52750, Sept. 7, 2006]

PART 97—AMATEUR RADIO SERVICE

Subpart A—General Provisions

- Sec.
- 97.1 Basis and purpose.
 - 97.3 Definitions.
 - 97.5 Station license required.
 - 97.7 Control operation required.
 - 97.9 Operator license grant.
 - 97.11 Stations aboard ships or aircraft.
 - 97.13 Restrictions on station location.
 - 97.15 Station antenna structures.
 - 97.17 Application for new license grant.
 - 97.19 Application for a vanity call sign.
 - 97.21 Application for a modified or renewed license grant.
 - 97.23 Mailing address.
 - 97.25 License term.
 - 97.27 FCC modification of station license grant.
 - 97.29 Replacement license grant document.
 - 97.31 Cancellation on account of the licensee's death.

Subpart B—Station Operation Standards

- 97.101 General standards.
- 97.103 Station licensee responsibilities.
- 97.105 Control operator duties.
- 97.107 Reciprocal operating authority.
- 97.109 Station control.
- 97.111 Authorized transmissions.
- 97.113 Prohibited transmissions.
- 97.115 Third party communications.
- 97.117 International communications.
- 97.119 Station identification.
- 97.121 Restricted operation.

Subpart C—Special Operations

- 97.201 Auxiliary station.
- 97.203 Beacon station.
- 97.205 Repeater station.
- 97.207 Space station.
- 97.209 Earth station.
- 97.211 Space telecommand station.
- 97.213 Telecommand of an amateur station.
- 97.215 Telecommand of model craft.
- 97.217 Telemetry.
- 97.219 Message forwarding system.
- 97.221 Automatically controlled digital station.

Subpart D—Technical Standards

- 97.301 Authorized frequency bands.
- 97.303 Frequency sharing requirements.
- 97.305 Authorized emission types.
- 97.307 Emission standards
- 97.309 RTTY and data emission codes.
- 97.311 SS emission types.
- 97.313 Transmitter power standards.
- 97.315 Certification of external RF power amplifiers.
- 97.317 Standards for certification of external RF power amplifiers.

Subpart E—Providing Emergency Communications

- 97.401 Operation during a disaster.
- 97.403 Safety of life and protection of property.
- 97.405 Station in distress.
- 97.407 Radio amateur civil emergency service.

Subpart F—Qualifying Examination Systems

- 97.501 Qualifying for an amateur operator license.
- 97.503 Element standards.
- 97.505 Element credit.
- 97.507 Preparing an examination.
- 97.509 Administering VE requirements.
- 97.511 Examinee conduct.
- 97.513 VE session manager requirements.
- 97.515–97.517 [Reserved]
- 97.519 Coordinating examination sessions.
- 97.521 VEC qualifications.
- 97.523 Question pools.
- 97.525 Accrediting VEs.